

Construction Engineering and Inspection Services - CSO Solicitation No. 2112

THIS SOLICITATION IS BEING EXTENDED TO PREQUALIFIED FIRMS AND IS POSTED HERE FOR INFORMATION ONLY.

The Connecticut Department of Transportation (Department) is seeking to engage one firm to perform the Construction Engineering and Inspection services on Project No. 92-531/622/627 (projects) located in the city of New Haven. The projects consist of the reconstruction of the I-95/I-91/Route 34 Interchange, including the reconfiguration of the interchange to eliminate left lane exits and entrance ramps and provide two lane connections of the two interstate highways. The projects also include reconstruction of approximately 2700 meters of I-95, reconstruction of 1100 meters of I-91, construction of new operational lanes, and ramps, widening of three bridge structures, construction or reconstruction of sixteen bridges, construction of new retaining walls, installation of drainage, new noise barrier walls, signs, illumination and other incidental construction. This contract is currently scheduled to be advertised April 28, 2010. The anticipated Contractor start date is December 27, 2010 with an estimated completion date of November 30, 2016. The scope code for this project is "U".

Due to the complexity and magnitude of this project, the Department's standard personnel qualifications, as found in the "Construction Engineering and Inspection Information Pamphlet for Consulting Engineers" (pamphlet) dated August 2008, will be supplemented as follows:

Key personnel labor classifications:

Project Manager
Resident Engineer
Assistant Resident Engineer (Structures)
Assistant Resident Engineer (Civil/Roadway)
Senior Inspector (Concrete Piles/Drilled Shafts)
Senior Inspector (Civil/Roadway)
Senior Inspector (Civil/Roadway)
Senior Inspector (Structures)
Project Scheduling Coordinator
Office Engineer
Assistant Office Engineer (Site Manager Recordkeeping)
Assistant Office Engineer (Contract Manager Recordkeeping)

- A Resident Engineer will be required to be assigned to the project on a full-time basis, this individual shall also meet the requirements in the Pamphlet for a "Resident Engineer 3 (projects in excess of \$20 million)" and shall have the following additional background and experience. The Resident Engineer shall have not less than fifteen (15) years employment in civil or highway engineering of which at least the last ten (10) years must have been in a Lead capacity on complex highway and/or bridge construction projects having a value in excess of \$50 million on an urban limited access highway (ADT in excess of 100,000). At least five of the last ten years of experience shall have been in the construction of complex interstate to interstate construction involving multiple structures and curved girders. The Resident Engineer must have a minimum of a Bachelor of Science Degree in Civil or Construction Engineering and must be registered as a Professional Engineer in Connecticut. The Resident Engineer must be an employee of the Prime Consultant.
- The Assistant Resident Engineer (Structures) must meet the minimum requirements in the Pamphlet for a "Resident Engineer 2 (projects between \$5 Million and \$20 Million)" and shall have the following additional background and experience. The Assistant Resident Engineer (Structures) shall have not less than four (4) years of the qualifying experience shall have been on interstate reconstruction of bridges.

- The Assistant Resident Engineer (Civil/Roadway) must meet the minimum requirements in the Pamphlet for a "Resident Engineer 2 (projects between \$5 Million and \$20 Million)" and shall have the following additional background and experience. The Assistant Resident Engineer (Civil/Roadway) shall have not less than four (4) years of the qualifying experience shall have been on interstate roadway reconstruction.
- Senior Inspector (Concrete Piles/Drilled Shafts) must meet the minimum requirements in the Pamphlet for a "Senior Inspector" and shall have the following additional background and experience. The Senior Inspector (Concrete Piles/Drilled Shafts) shall have not less than three (3) years of combined qualifying experience shall have been in the inspection of the installation of concrete piles and drilled shafts.
- Senior Inspector (Civil/Roadway) must meet the minimum requirements in the Pamphlet for a "Senior Inspector" and shall have the following additional background and experience. The Senior Inspector (Civil/Roadway) shall have not less than three (3) years of the qualifying experience shall have been in the inspection of construction of interstate highways.
- Senior Inspector (Structures) must meet the minimum requirements in the Pamphlet for a "Senior Inspector" and shall have the following additional background and experience. The Senior Inspector (Structures) shall have not less than three (3) years of the qualifying experience shall have been in the inspection of construction of interstate highway bridges.
- The Office Engineer shall meet the requirements of the Pamphlet for an "Office Engineer 2" and shall have the following additional background and experience. The Office Engineer shall have experience in the use of AASHTO Site Manager Record Keeping software and Primavera Contract Manager Record Keeping software. The Office Engineer shall also have at least three (3) years experience as an Office Engineer on a construction project having a value in excess of \$50 million.
- The Assistant Office Engineer (Site Manager Recordkeeping) shall meet the requirements of the Pamphlet for an "Office Engineer 1" and shall have the following additional background and experience. The Assistant Office Engineer shall have two (2) years experience in the use of AASHTO Site Manager Record Keeping software.
- The Assistant Office Engineer (Contract Manager Recordkeeping) shall meet the requirements of the Pamphlet for an "Office Engineer 1" and shall have the following additional background and experience. The Assistant Office Engineer shall have two (2) years experience in the use of Primavera Contract Manager Record Keeping software.
- The Project Scheduling Coordinator shall have at least two (2) years experience in the use of Primavera P6 scheduling software and shall have at least five (5) years experience in developing CPM schedule utilizing Primavera software.
- All other staffing shall meet the minimum requirements for the classifications found in the Pamphlet.
- At least two members of the consultant's senior supervisory staff (Resident Engineer, Assistant Resident Engineers, Senior Inspector or Office Engineer) shall be ATSSA trained and shall have **at least five (5) years** experience in interstate maintenance and protection of traffic, as well as, stage construction techniques.

Please be advised that the certifications listed above are in addition to the requirements in the "Construction Engineering and Inspection Information Pamphlet for Consulting Engineers" dated August 2008. (This pamphlet can be found online at www.ct.gov/dot/, under the Publications link.)

Firms responding to this request should be of adequate size and sufficiently staffed and experienced to perform this assignment and will be required to provide the necessary staffing upon execution of the contract.

Please be advised that the Department currently utilizes Site Manager software for construction management reporting. Firms should also be familiar with the Department's construction policies as outlined in our Construction Manual. (This Manual can also be found online at www.ct.gov/dot/construction under the publications link.)

If your firm desires to be considered for this assignment, your submittal should consist of a one-page letter of interest and Department Form CSO 255, along with a maximum of Twelve (12) resumes, one of which must be that of the proposed engineer-in-charge, as well as assurance that he/she will be available for work when required and one should also be submitted for each of the key personnel labor classifications. **Four (4) copies of the submittal are required and they must be either postmarked by, or, if hand delivered, received by 3:00 p.m. on February 11, 2010.**

All firms shall include the following in their submittal:

- A brief summary of your current construction engineering and inspection workload and a narrative description of proposed staff, qualifications and discipline experience and expertise in (1) specialized experience in large interstate highway and bridge construction projects with multiple stages, (2) concrete piles and drilled shafts, (3) construction survey, (4) CPM scheduling (Primavera), (5) maintenance and protection of traffic, (6) environmental issues related to construction, (7) drainage installations and alterations, (8) familiarity with the Department's construction engineering and inspection standards and procedures.
- Copies of the required certifications/licenses for the proposed inspectors, and all key labor classifications listed in this letter, showing that they are in current standing.
- A listing of the personnel whose resumes are provided who will be assigned to the project assuming a consultant start date between November 12, 2010 and December 27, 2010, a construction contractor organizational phase start date of December 27, 2010 and a contractor construction phase start date of March 11, 2011. This listing shall include the date on which it is anticipated each individual will be available for assignment to the project.
- A listing of the number of staff currently employed by each team member firm for each labor classification listed above and in the "Construction Engineering and Inspection information Pamphlet for Consulting Engineers" (pamphlet) dated August 2008.

All firms are advised that the prime consultant must perform at least fifty-one (51) percent of the work with employees of the firm. Sub-consultant assignments will be permitted for portions of the work up to forty-nine (49) percent of the agreement value.

You are advised that a disadvantaged business sub-consultant goal applies to this project. The goal will be no less than ten (10) percent of the agreement value. Within the letter of interest submittal, you must include the designated certified Disadvantaged Business Enterprise (DBE) sub consultant(s) which you intend to use. The DBE sub consultant(s) must be currently certified by the Department. Sub consultants may be used to comply with DBE requirements or perform specialized work. Joint venturing assignments will not be allowed. The selected firms will be required to document their good faith efforts to provide opportunities for DBE firms to participate.

Prior to the negotiation process, the selected firm will be required to have a Department approved audit and affirmative action plan, as well as current corporate registration with the Secretary of State (partnerships excluded). The selected firm will also be required to maintain insurance coverage from a firm licensed to do business in the State of Connecticut as detailed below.

Professional Liability Insurance coverage in the minimum amount of Ten Million Dollars (\$10,000,000) with a maximum Two Hundred and Fifty Thousand Dollars (\$250,000) deductible clause, Commercial General Liability for a total limit of Two Million and Five Hundred Thousand Dollars (\$2,500,000) for each occurrence and a total limit of Five Million Dollars (\$5,000,000) for all occurrences during a policy period, and Valuable Papers and Records Insurance with a coverage in the amount of Two Hundred and Fifty Thousand Dollars (\$250,000) when the items are in its possession and in the amount of One Hundred Thousand Dollars (\$100,000) regardless of the physical location of the insured items. Proof of coverage must be submitted on Department Forms CON-32 (revised 11/07) and DOC-001 (revised 3/08) prior to the start of the negotiations process. The selected Firm shall also carry Railroad Protective Liability and Property Damage Liability Insurance.

Please be advised, that as of August 1, 2007, the Office of Policy and Management has updated its contracting affidavits and certifications, as well as the timeline of when these documents are required to be completed, signed and returned. For the purposes of Form 1 (Gift and Campaign Contribution Certification), the planning date is defined as the date when the Commissioner granted approval to hire a consultant. For this project, the planning date is January 15, 2010. This is the date the selected firm must use when completing Form 1 at the time the agreement/contract is executed in accordance with the Connecticut General Statute (CGS) Section 4-252 and Executive Order No. 7C, paragraph 10. Please be advised that Form 5 (Consulting Agreement Affidavit), in its revised format (Rev. 10-31-07), must be completed and **one copy** should be submitted with your letter-of-interest package. Please do not staple or bind the affidavit in your submittal package. Forms 1 and 5 apply to all consulting agreements/contracts which have a total value to the State of fifty thousand dollars (\$50,000) or more in a calendar or fiscal year. Any consultant that does not make the certifications required under subsection (c) of CGS 4-252 or refuses to submit the affidavit required under subsection (b) of CGS 4a-81 shall be disqualified, and the Department shall award the agreement/contract to the next highest ranked consultant or seek new submittals in accordance with subsection (d) of CGS 4-252 and subsection (d) of CGS 4a-81. Further information on these requirements can be obtained online at <http://www.ct.gov/opm> via the Ethics Affidavits link.

For all State contracts as defined in P.A. 07-1 having a value in a calendar year of \$50,000 or more, or a combination or series of such agreements or contracts having a value of \$100,000 or more, the authorized signatory to this submission in response to the State's solicitation expressly acknowledges receipt of the State Elections Enforcement Commission's notice advising state contractors of state campaign contribution and solicitation prohibitions, and will inform its principals of the contents of the notice. The SEEC Form 11 is enclosed herewith and hereby made a part of this solicitation.

Circumstances may require rescheduling or cancellation of projects and, should such action be necessary, the Department would be under no obligation to provide supplementary work for the firm selected for this assignment.

The Department reserves the right to add additional projects of a similar nature for a separate selection should additional projects become available prior to the interview phase of the selection process.

Please be advised that firms must also be prequalified in the particular year a shortlist is finalized and/or a selection is made.

All inquiries regarding this request for Letters of Interest shall be directed to Ms. Simone Cristofori of the Consultant Selection Office at (860) 594-3017.